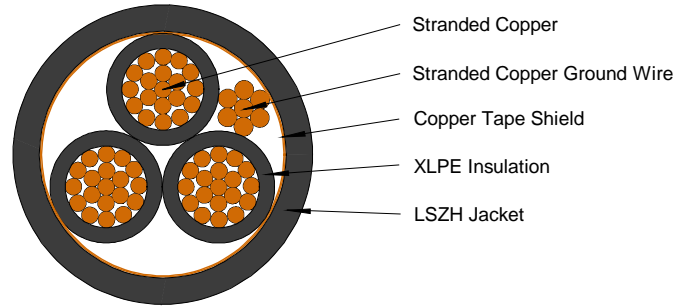


TYPE TC-ER

POWER CABLE

Three Conductors with Ground, SHIELDED
XLPE Insulation
Copper Tape Shield
LSZH Jacket
1000 Volt, 90°C Wet/Dry



APPLICATIONS:

As three-conductor power cables rated 1000 volts, 90°C in dry or wet locations; specifically approved for installation in cable trays per Article 336 of the NEC. Type TC-ER cables are permitted for use in Class I Division 2 industrial hazardous locations per NEC. Cables may be installed in free air, raceways or direct burial, in wet or dry locations. All cables when used in accordance with the NEC, meet the requirements of OSHA.

CONSTRUCTION:

Stranded copper conductors, XLPE (Cross-Linked Polyethylene) insulated, Method 4 phase-identified; three conductors cabled together with a stranded copper ground wire in one interstice, fillers where necessary, helically applied copper tape shield, black LSZH (Low Smoke Zero Halogen) jacket overall, surface printed.

STANDARDS:

1. Copper conductors conform to ASTM B-3 & B-8.
2. Insulated conductors conform to UL Standard 44.
3. TC-ER Type per UL 1277.
4. Cables designed to pass the UL 1685, IEEE-383 and IEEE-1202 flame tests.
5. Cables are suitable for sunlight resistant and direct burial applications.
6. Cables conform to ICEA S-95-658/NEMA WC70 & ICEA T-33-655.

1000 VOLT, SHIELDED, THREE CONDUCTORS WITH GROUND

BASIC CAT NO.	NO. OF CDRS.	SIZE AWG.	INSUL. THICK. mils	GRD.WIRE SIZE/AWG	JKT. THICK. mils	O.D. in.	WEIGHT lbs/mft
6-703-GS	3	8	60	10	60	.710	390
6-783-GS	3	4/0	80	4	110	1.72	2660

Dimensional data not binding. We reserve the right to alter specifications without notice.
SHIPPING TOLERANCE +/- 10%